

A b s t r a c t

5 In a method of measuring a relaxing effect on constricted
human bronchi of a candidate substance a bronchus tissue
preparation is mounted to a force transducer in a test
apparatus. After conditioning the preparation is exposed for a
contraction-effective dose of a known contraction-effective
10 substance to make it assume a first tensioned state. The
preparation is then exposed for a dose of the candidate
substance to make it assume a second tensioned state. By
comparing the contraction forces recorded for said tensioned
states, a measure of the bronchorelaxing efficiency of the
15 candidate substance is obtained. Also disclosed is a candidate
substance thus identified, its uses, and a corresponding
bronchus tissue preparation.